DEWALT®

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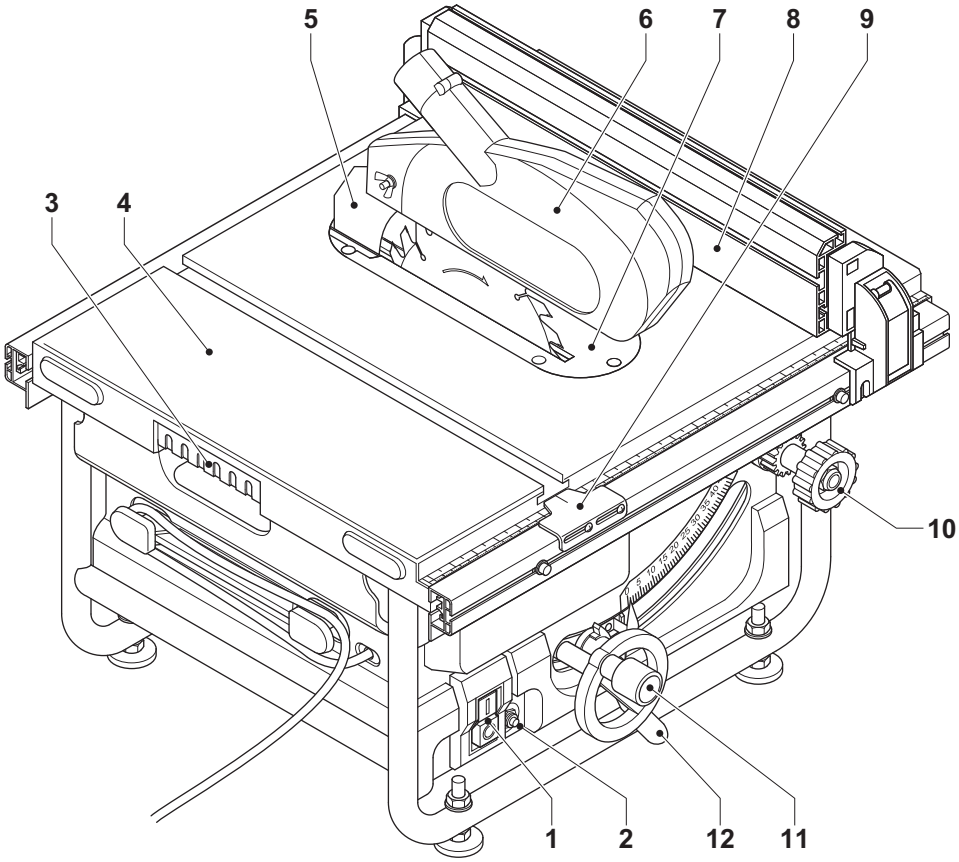
DW745



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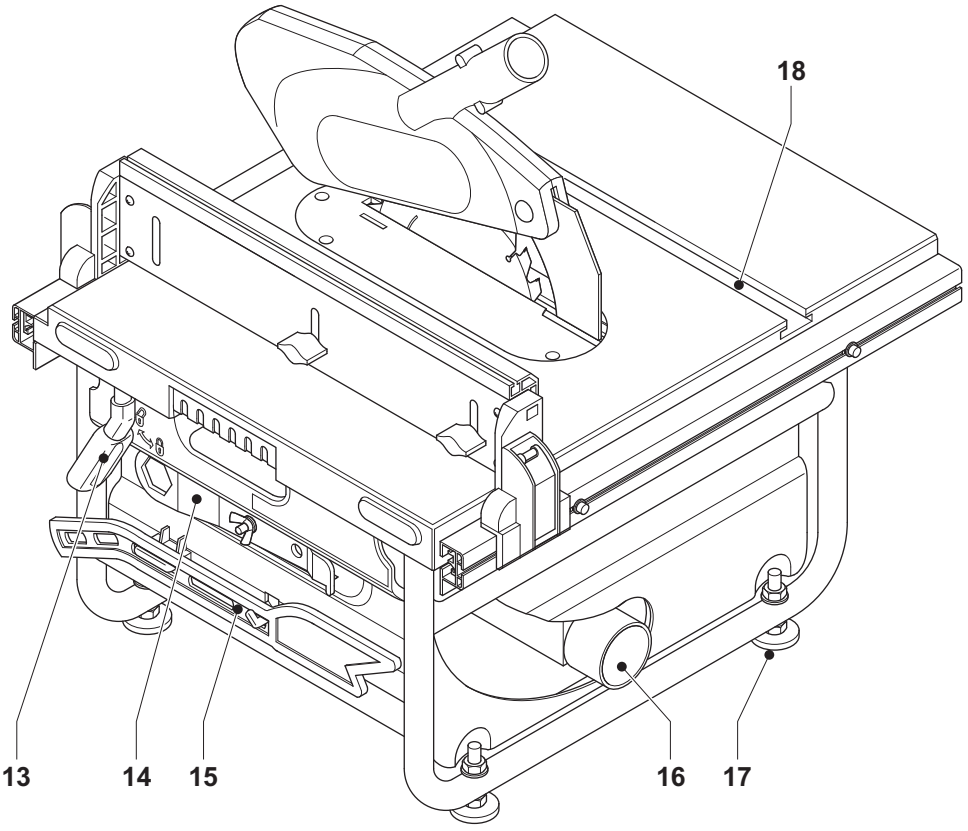

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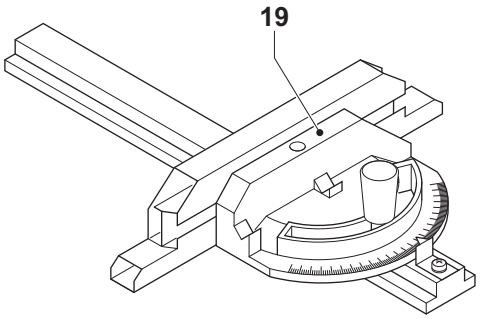

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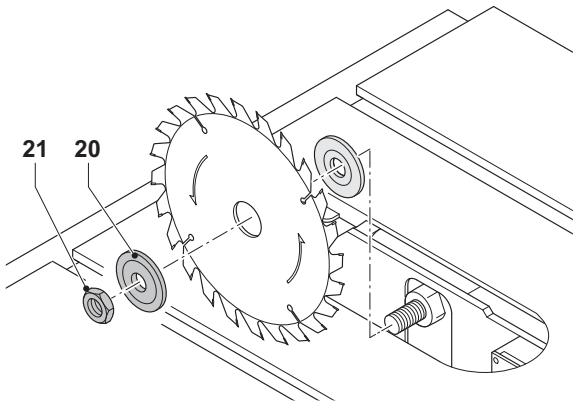

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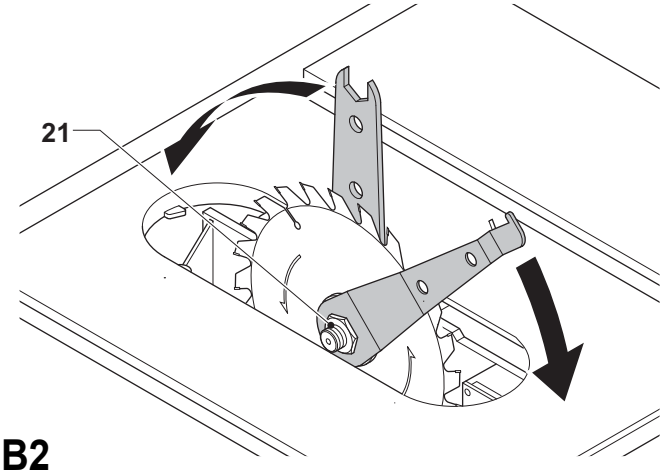

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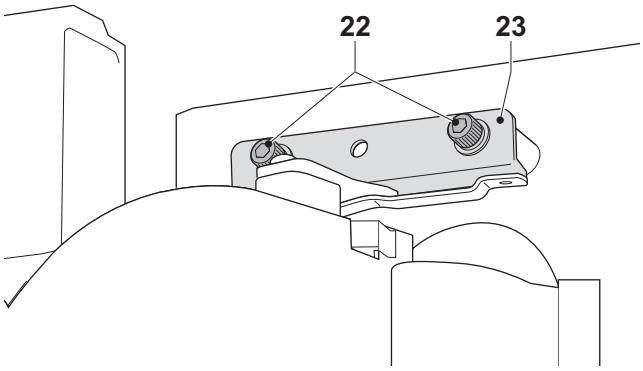

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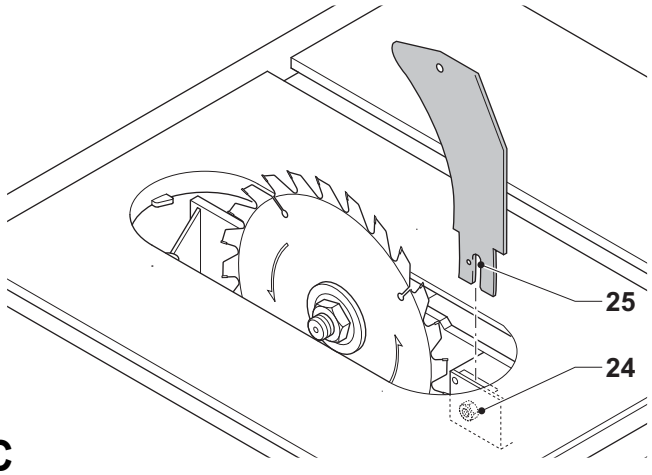

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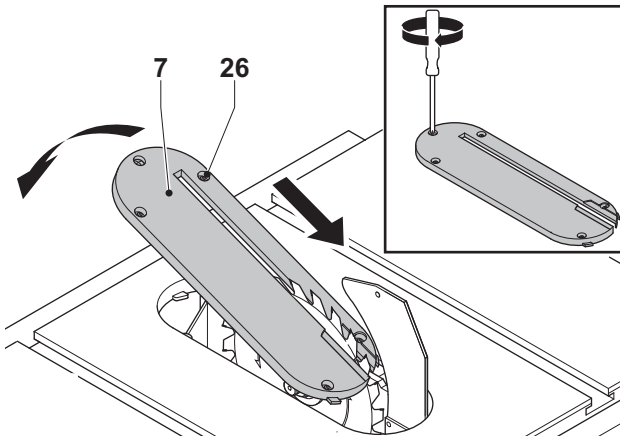

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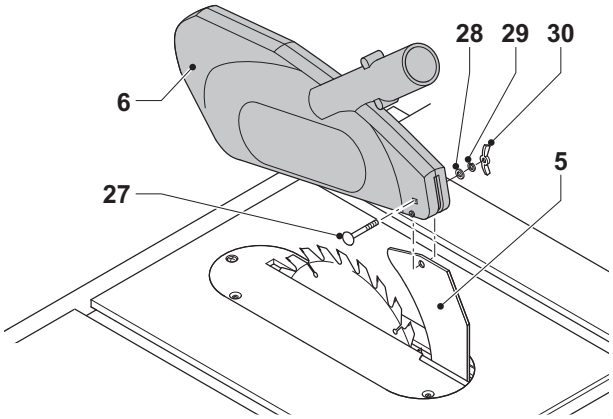

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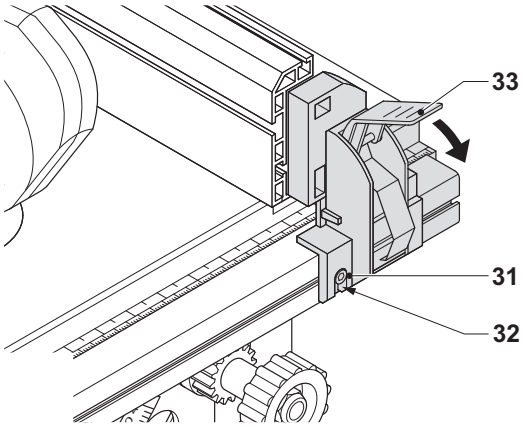

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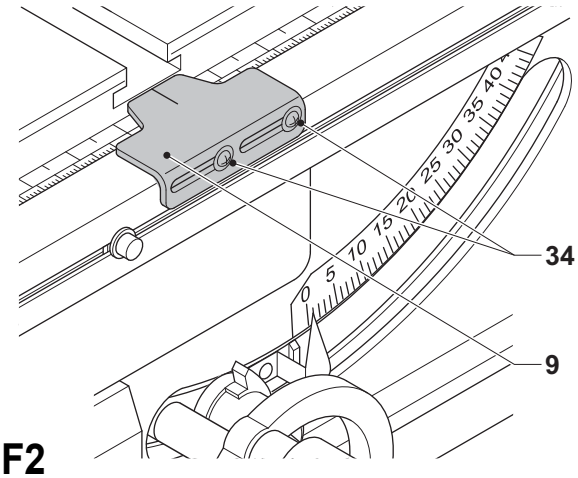

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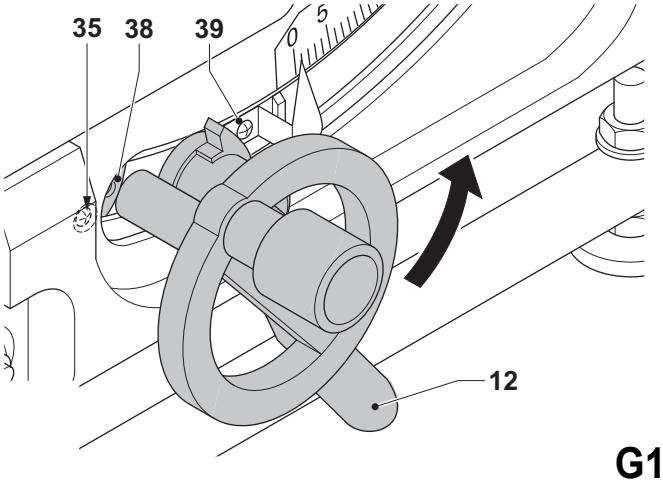

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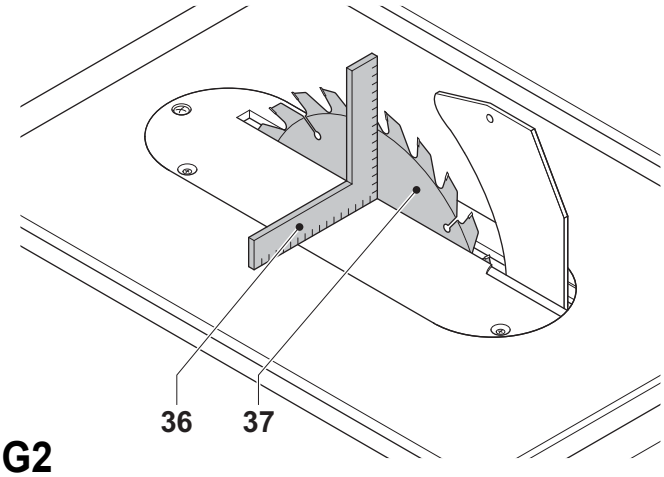

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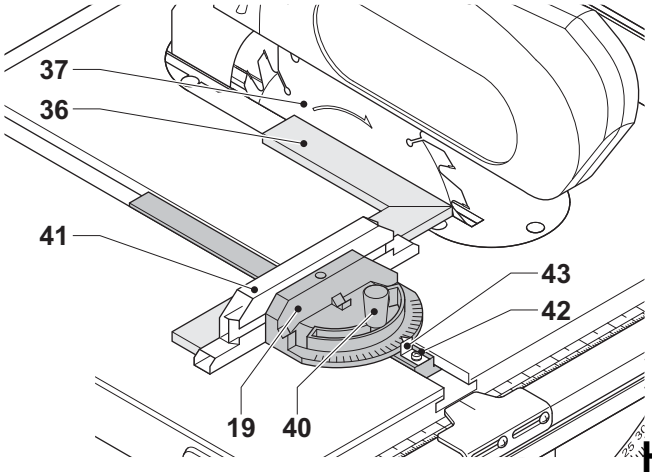

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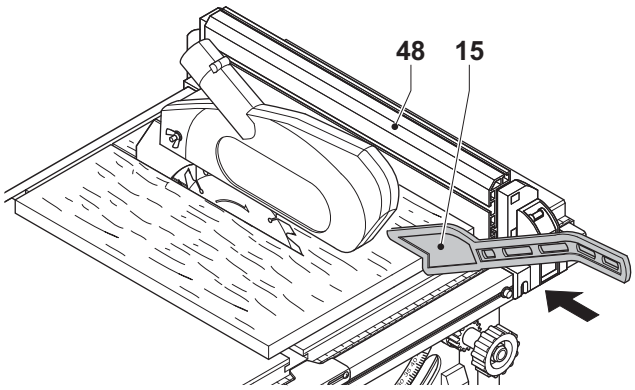

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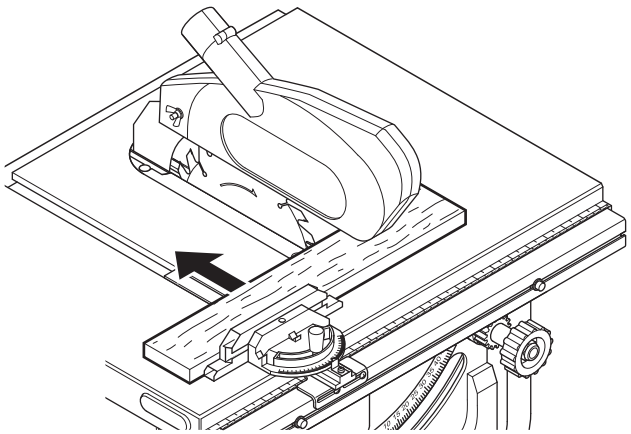

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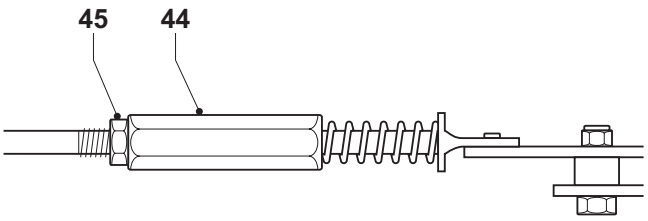

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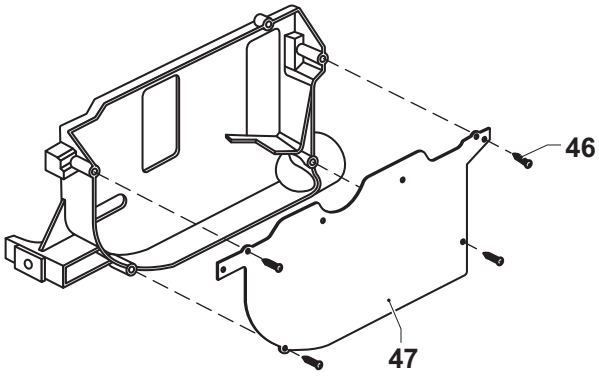

L

TABLE SAW DW745

Congratulations!
You have chosen a DEWALT tool. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

		DW745-QS	DW745-LX
Voltage	V	230	115
Type		3	3
Motor power (input)	W	1700	1300
Motor power (output)	W	1100	936
No-load speed	min^{-1}	3800	3800
Blade diameter	mm	250	250
Blade bore	mm	30	30
Blade body thickness	mm	2.3	2.3
Riving knife thickness	mm	2.3	2.3
Depth of cut at 90°	mm	77	77
Depth of cut at 45°	mm	57	57
Ripping capacity	mm	508	508
Overall dimensions	cm	570 x 700 x 466	570 x 700 x 466
Weight	kg	21.5	21.5

L_{PA} (sound pressure)	dB(A)	96	96
K_{PA} (sound pressure uncertainty)	dB(A)	3	3
L_{WA} (sound power)	dB(A)	109	109
K_{WA} (sound power uncertainty)	dB(A)	3	3

Fuses:		
Europe	230 V tools	10 Amperes, mains
U.K. & Ireland	230 V tools	13 Amperes, in plugs
U.K. & Ireland	115 V tools	16 Amperes, mains

NOTE: Switching activity may produce short-term voltage changes or fluctuations. Under unfavourable conditions in public low-voltage supply systems impairment of other appliances might appear. Disturbances will not occur if the impedance is less than 0.25 Ohms. Sockets used for these power tools shall be fused with 16 Amperes cut-out with an inert characteristic.

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury.**

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury.**

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury.**

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage.**

Denotes risk of electric shock.

Denotes risk of fire.

Sharp edges.

EC-Declaration of Conformity

MACHINERY DIRECTIVE

CE

DW745

DEWALT declares that these products described under “technical data” are in compliance with:
2006/42/EC, EN 61029-1, EN 61029-2-1.

These products also comply with Directive 2004/108/EC and 2011/65/EU. For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.

H. Grossmann

Horst Grossmann
Vice President Engineering and Product Development
DEWALT, Richard-Klinger-Straße 11,
D-65510, Idstein, Germany
01.03.2012

Safety Instructions

When using stationary power tools, always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock and personal injury.
Read all of this manual carefully before operating the tool.
Save this manual for future reference.

General

1. **Keep work area clean**
   Cluttered areas and benches can cause accidents.
2. **Consider work area environment**
   Do not expose the tool to rain. Do not use the tool in damp or wet conditions. Keep the work area well lit (250 - 300 Lux). Do not use the tool where there is a risk of causing fire or explosion, e.g. in the presence of flammable liquids and gases.
3. **Keep children away**
   Do not allow children, visitors or animals to come near the work area or to touch the tool or the mains cable.
4. **Dress properly**
   Do not wear loose clothing or jewellery, as these can be caught in moving parts. Wear protective hair covering to keep long hair out of the way. When working outdoors, preferably wear suitable gloves and non-slip footwear.
5. **Personal protection**
   Always use safety glasses. Use a face or dust mask whenever the operations may produce dust or flying particles. If these particles might be considerably hot, also wear a heat-resistant apron. Wear ear protection at all times. Wear a safety helmet at all times.
6. **Guard against electric shock**
   Prevent body contact with earthed or grounded surfaces (e.g. pipes, radiators, cookers and refrigerators). When using the tool under extreme conditions (e.g. high humidity, when metal swarf is being produced, etc.), electric safety can be improved by inserting an isolating transformer or a (FI) earth-leakage circuit-breaker.
7. **Do not overreach**
   Keep proper footing and balance at all times.
8. **Stay alert**
   Watch what you are doing. Use common sense. Do not operate the tool when you are tired.

9 Secure workpiece
Use clamps or a vice to hold the workpiece. It is safer and it frees both hands to operate the tool.

10 Connect dust extraction equipment
If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.

11 Remove adjusting keys and wrenches
Always check that adjusting keys and wrenches are removed from the tool before operating the tool.

12 Extension cables
Before use, inspect the extension cable and replace if damaged. When using the tool outdoors, only use extension cables intended for outdoor use and marked accordingly.

13 Use appropriate tool
The intended use is described in this instruction manual. Do not force small tools or attachments to do the job of a heavy-duty tool. The tool will do the job better and safer at the rate for which it was intended. Do not force the tool.
Warning! The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury.

14 Check for damaged parts
Before use, carefully check the tool and mains cable for damage. Check for misalignment and seizure of moving parts, breakage of parts, damage to guards and switches and any other conditions that may affect its operation. Ensure that the tool will operate properly and perform its intended function. Do not use the tool if any part is damaged or defective. Do not use the tool if the switch does not turn it on and off. Have any damaged or defective parts replaced by an authorised DEWALT repair agent. Never attempt any repairs yourself.

15 Unplug tool
Switch off and wait for the tool to come to a complete standstill before leaving it unattended. Unplug the tool when not in use, before changing any parts of the tools, accessories or attachments and before servicing.

16 Avoid unintentional starting
Be sure that the tool is switched off before plugging in.

17 Do not abuse cord
Never pull the cord to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.

18 Store idle tools
When not in use, tools must be stored in a dry place and locked up securely, out of reach of children.

19 Maintain tools with care
Keep the tools in good condition and clean for better and safer performance. Follow the instructions for maintenance and changing accessories. Keep all handles and switches dry, clean and free from oil and grease.

20 Repairs
This tool is in accordance with the relevant safety regulations. Have your tool repaired by an authorised DEWALT repair agent. Repairs should only be carried out by qualified persons using original spare parts; otherwise this may result in considerable danger to the user.

Additional safety rules for saw benches

- Do not use saw blades with a body thickness greater or a width of tooth smaller than the thickness of the riving knife.
- Make sure that the blade rotates in the correct direction and that the teeth are pointing to the front of the saw bench.
- Be sure all clamp handles are tight before starting any operation.
- Be sure all blade and flanges are clean and the recessed sides of the collar are against the blade. Tighten the arbor nut securely.
- Keep the saw blade sharp and properly set.
- Make sure that the riving knife is adjusted to the correct distance from the blade - maximum 5 mm.
- Never operate the saw without the upper and lower guards in place.
- Keep your hands out of the path of the saw blade.
- Disconnect the saw from the mains supply before changing blades or carrying out maintenance.
- Use a push stick at all times, and ensure that you do not place hands closer than 150 mm from the saw blade while cutting.
- Do not attempt to operate on anything but the designated voltage.
- Do not apply lubricants to the blade when it is running.
- Do not reach around behind the saw blade.
- Always keep the push stick in its place when not in use.
- Do not stand on top of the unit.
- During transportation make sure that the upper part of the saw blade is covered, e.g. by the guard.
- Do not use the guard for handling or transportation.
- Immediately replace the table insert when worn or damaged.
- Check that the workpiece is properly supported. Always provide additional support for long workpieces.
- Do not exert side pressure on the saw blade.
- Never cut light alloy. The machine is not designed for this application.
- Do not use abrasive disc or diamond cutting wheels
- Rebating, slotting or grooving is not allowed.
- In case of an accident or machine failure, immediately switch the machine off and pull the plug. Report the failure and mark the machine in suitable form which prevents that other persons use the defective machine.
- When the saw blade is blocked due to abnormal feed force during cutting, ALWAYS switch the machine off and disconnect from power supply. Remove the workpiece and ensure that the saw blade runs free. Turn the machine on and start a new cutting operation with reduced feed force.
- Pull the plug from the socket when blade change or any maintenance is needed.
- Wear always hear protection.
- Wear always safety glasses
- Wear always dust mask when sawing wood.
- Faults in the machine, including guards and saw blades, shall be reported as soon as they are discovered.

Saw blades

- The max. allowable speed of the saw blade must always be equal to or greater than the no-load speed of the tool specified on the nameplate.
- Do not use saw blades that do not conform to the dimensions stated in the technical data. Do not use any spacers to make a blade fit onto the spindle. Use only the blades specified in this manual, complying with EN 847-1.
- Consider applying specially designed noise-reduction blades.
- Do not use HS blades.
- Do not use cracked or damaged saw blades.
- Ensure that the chosen saw blade is suitable for the material to be cut.
- Always wear gloves for handling saw blades and rough material. Saw blades should be carried in a holder wherever practicable.

Residual risks

The following risks are inherent to the use of saws:
- injuries caused by touching the rotating parts

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:
- Impairment of hearing.
- Risk of accidents caused by the uncovered parts of the rotating saw blade.
- Risk of injury when changing the saw blade with unprotected hands.
- Risk of squeezing fingers when opening the guards.

- Health hazards caused by breathing dust developed when sawing wood, especially oak, beech and MDF.

The following factors are of influence to noise production:
- the material to be cut
- the type of saw blade
- the feed force
- machine maintenance

The following factors are of influence to dust exposure:
- worn saw blade
- dust extractor with air velocity less than 20 m/s
- workpiece not exactly guided

Under consideration of the factors mentioned above, the dust collecting efficiency is about 95% of breathable dust.

Markings on Tool

The following pictograms are shown on the tool:

Read instruction manual before use.

Wear ear protection.

Wear eye protection.

Wear respiratory protection.

Pull the plug from the socket when blade change or any maintenance is needed.

Keep hands away from cutting area and the blade.

Carrying point.

DATE CODE POSITION

The Date Code, which also includes the year of manufacture, is printed into the housing.

Example:

2012 XX XX

Year of Manufacture

Package contents

The package contains:
1 Partly assembled machine
1 Rip fence assembly
1 Mitre fence
1 Saw blade
1 Upper blade guard assembly
1 Table insert
1 Blade wrench
1 Arbor wrench
1 Dust extraction adapter
1 Instruction manual
1 Exploded drawing

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

Description (fig. A1 - A3)

A1

1 On/off switch
2 Circuit breaker reset button
3 Hand indentation
4 Table
5 Riving knife
6 Upper blade guard
7 Table insert
8 Parallel rip fence
9 Rip scale indicator
10 Fine adjustment knob
11 Combined elevating and bevel control wheel
12 Bevel lock lever

A2

13 Ripping position lock lever
14 Blade wrench storage
15 Push stick
16 Dust extraction adapter
17 Foot
18 Fence slot

A3

19 Mitre fence

INTENDED USE

Your DW745 jobsite table saw has been designed to perform the sawing operation of ripping, cross-cutting, bevelling and mitring in wood, wood products and plastics. This unit is designed for use with a ø 250 mm carbide tip blade.

WARNING: Do not use the machine for other purposes as intended.

DO NOT use under wet conditions or in presence of flammable liquids or gases.

These table saws are professional power tools.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

Electrical safety

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate.

115 V units have to be operated via a failsafe isolating transformer with an earth screen between the primary and secondary winding.

Your DEWALT tool is double insulated in accordance with EN 61029; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by a specially prepared cord available through the DEWALT service organisation.

Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- *Safely dispose of the old plug.*

- *Connect the brown lead to the live terminal in the plug.*
- *Connect the blue lead to the neutral terminal.*

WARNING: No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs.
Recommended fuse: 13 A.

FITTING A MAINS PLUG TO 115 V UNITS

The plug should be fitted by a competent person. If you are in doubt, contact an authorized DEWalt repair agent or qualifued electrician.

The plug fitted should be comply with BS EN 60309 (BS4343), 16Amps, earthing contact position 4h.

Using an Extension Cable

If an extension cable is required, use an approved 3–core extension cable suitable for the power input of this tool (see ***Technical Data***).The minimum conductor size is 1.5 mm^2; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

Assembly and adjustment

WARNING: Prior to assembly and adjustment always unplug the tool.

Unpacking (fig. A1 & A2)

- Remove the saw from the packaging material carefully.
- The machine is fully assembled except for the blade, rip fence, upper blade guard and table insert.
- Finalise the assembly following the instructions as described below.
- Put the push stick (15) on its place at the right-hand side of the machine (fig. A2).
- Adjust the feet (17) until the table (4) is level in all directions.
- Fully unwind the mains cable.

WARNING:

- Always keep the push stick in its place when not in use.
- Connect the plug to the mains outlet only just before starting the application.

Mounting the saw blade (fig. A1, A2 & B1 - B3)

WARNING: Ensure the machine is disconnected from the power source.

WARNING: The teeth of a new blade are very sharp and can be dangerous.

WARNING: The saw blade **MUST** be replaced as described in this section. **ONLY** use saw blades as specified under Technical Data. We suggest DT4226. **NEVER** fit other saw blades.

- Raise the blade arbor to its maximum by rotating the control wheel (11) clockwise (fig. A1).
- Place the saw blade onto the spindle in the order shown in figure B1. The outer flange (20) has a ø 30 mm raised boss which fits inside the blade bore. Make sure the teeth point down at the front of the table.
- Hold the spindle using the open-ended wrench and tighten the arbor nut (21) by rotating clockwise using the arbor wrench (fig. B2).
- To remove the blade, proceed in reverse order.

WARNING: Always check the rip fence pointer and the riving knife after having changed the blade.

Adjusting the saw blade (fig. A2 & B3)

For optimum performance, the blade must be parallel to the mitre slots.

This adjustment has been made at the factory. To re-adjust:

- Turn the saw on its side.
- Using a 10 mm Allen key, slacken the bracket fasteners (22) slightly (fig. B3).
- Adjust the bracket (23) until the blade is parallel to the fence slot (18) (fig. A2).
- Tighten the bracket fasteners (22) to 11 Nm (fig. B3).

Blade height adjustment (fig. A1)

The blade can be raised and lowered by turning the combined elevating and bevel control wheel (11).

- Make sure the top three teeth of the blade are just breaking through the upper surface of the workpiece when sawing. This will ensure that the maximum number of teeth are removing material at any given time, thus giving optimum performance.

Mounting the riving knife (fig. A1 & C)

- Raise the blade arbor to its maximum by rotating the blade height adjustment wheel (11) clockwise (fig. A1).
- Slacken the locking bolt (24) a few turns using the supplied wrench (fig. C).
- Push and hold the bolt (24) inwards to release the spring-loaded clamping mechanism.
- Align the slot (25) with the bolt (24) and insert the riving knife until the top of the slot rests on the knob.
- Release the bolt (24) and tighten securely using the supplied wrench.

WARNING:

- When properly aligned, the riving knife will be in line with the blade at the table top and at the top of the blade. Check using a straight edge in all bevel and blade height positions.
- Do not attempt to fix the riving knife in any other position than recommended. The distance between the riving knife and the tips of the blade teeth must be at least 2.0 mm.
- Correct mounting and alignment of the upper blade guard (6) on the riving knife is essential to safe operation!
- It is not allowed to fit a different riving knife to the specification delivered with a thickness of 2.3 mm.

Fixing to Workbench (fig. A2)

- The machine frame between the feet on each side (17) is provided with two holes which allow fixing on a workbench. Use the holes diagonally.
- To improve the handling fix the machine on a piece of plywood of min 15 mm thick.
- When in use the plywood sheet can be clamped to the workbench. This allows easier transportation of the machine, by releasing the clamps.

Mounting the table insert (fig. D)

- Align the table insert (7) as shown and insert the tabs of the back of the table insert into the holes on the back of the table.
- Press down the front of the table insert.
- The front of the table insert must be flush or slightly below the table top. The rear should be flush with the table top. Adjust using the four adjustment screws (26).
- Turn the locking screw (see insert in fig. D) clockwise 90° to lock the table insert in place.

WARNING: Never use the machine without the table insert. Immediately replace the table insert when worn or damaged.

Mounting the upper blade guard (fig. E)

- Fasten the guard (6) to the riving knife (5) with the bolt (27).
- Place the washer (28 & 29) and wingnut (30) onto the other end of the bolt and tighten.

Mounting and adjusting the parallel fence (fig. A1, F1 & F2)
The rip fence (8) can be installed on the left or right side of your table saw.
- Locate the screw (31) with the slot (32) in the rip fence.
- Secure the rip fence by snapping both latches (33) in place.

Adjusting the fence parallel to the blade
The fence has been factory-set. If you need to re-adjust, proceed as follows:
- Set the saw blade to its highest position.
- Remove the upper blade guard (6).
- Set the bevel angle to 0°.
- Unlock the rail lock lever (13).
- Move the fence (8) until it touches the blade.
- Check that the fence is parallel to the blade.
- If adjustment is required, proceed as follows:
- Using an Allen key, loosen the adjustment screw (31) locating the fence to the fence rail.
- Adjust the fence parallel to the blade.
- Tighten the adjustment screw.
- Lock the rail lock lever and check that the fence is parallel to the blade.
- Be sure to replace the blade guard after the adjustment.

WARNING: If there is not enough travel in the pinion bearing assembly, take the unit to an authorized DEWALT repair agent.

Adjusting the rip scale
The rip scale reads correctly only when the fence is mounted to the right of the blade.
- Check that the pointer (9) indicates zero on the scale when the fence is just touching the blade. If the pointer does not indicate exactly zero, loosen the screws (34), move the pointer to read 0 and tighten the screws.

Bevel stop and pointer adjustment (fig. G1 & G2)
- Set the saw blade to its highest position.
- Unlock the bevel lock lever (12) by pushing it up and to the right.
- Loosen the bevel stop screw (35).
- Place a set square (36) on the table and up against the blade (37).
- Adjust the bevel angle using the bevel lock lever (12) until the blade is flat against the square.
- Tighten the bevel lock lever (12).
- Turn the bevel stop cam (38) until it firmly contacts the bearing block.
- Check the bevel angle scale. If adjustment is required, loosen the pointer screw (39) and set the pointer to 0°.
- Tighten the pointer screw (39).
- Repeat the procedure at 45° for the 45° bevel stop, but do not adjust the pointer.

Adjusting the mitre fence (fig. H)
- Install the mitre fence (19) in the slot to the left of the blade.
- Loosen the lock knob (40).
- Place a square (36) against the fence face (41) and the blade (37).
- Check that the pointer (42) indicates 90° on the scale. If the pointer does not indicate exactly 90°, loosen the screw (43), move the pointer to read 90° and tighten the screw.

OPERATION

Instructions for use

WARNING:
- Always observe the safety instructions and applicable regulations.
- Ensure the machine is placed to satisfy ergonomic conditions in terms of table height and stability. The machine site shall be chosen so that the operator has a good overview and enough free surrounding space around the machine that allow handling of the workpiece without any restrictions.
- Install the appropriate saw blade. Do not use excessively worn blades. The maximum rotation speed of the tool must not exceed that of the saw blade.
- Do not attempt to cut excessively small pieces.
- Allow the blade to cut freely. Do not force.
- Allow the motor to reach full speed before cutting.
- Make sure all locking knobs and clamp handles are tight.

The attention of UK users is drawn to the "woodworking machines regulations 1974" and any subsequent amendments.
- Never place either hand in the blade area when the saw is connected to the electrical power source.
- Never use your saw for freehand cuts!
- Do not saw warped, bowed or cupped workpieces. There must be at least one straight, smooth side to go against the rip fence or mitre fence.
- Always support long workpieces to prevent kickback.
- Do not remove any cut-offs from the blade area while the blade is running.

Switching on and off (fig. A1)
- To switch the machine on, press the green start button.
- To switch the machine off, press the red stop button.

NOTE: Switching activity may produce short-term voltage changes or fluctuations. Under unfavourable conditions in public low-voltage supply systems impairment of other appliances might appear. Disturbances will not occur if the impedance is less than 0.262 Ohms.

Sockets used for these power tools shall be fused by a 16 Amperes cut-out with an inert characteristic.

Basic saw cuts
- Always use the riving knife.
- Always ensure that the riving knife and blade guard are correctly aligned.

Ripping (fig. A1 & I)

WARNING: Sharp edges.
- Set the bevel angle to 0°.
- Adjust the saw blade height. The correct blade position is to have the tips of three teeth just protruding through the top surface of the wood. Adjust the height of the upper blade guard as necessary.
- Set the parallel fence to the required distance.
- Adjust the position of the L-shaped fence profile (48) level with the back of the riving knife. When ripping wide pieces of material, slide the L-shaped fence profile (48) off the main part of the fence, rotate vertically through 180° and replace to provide additional support.
- Hold the workpiece flat on the table and against the fence. Keep the workpiece away from the blade.
- Keep both hands away from the path of the blade.
- Switch the machine on and allow the blade to reach full speed.
- Slowly feed the workpiece underneath the guard, keeping it firmly pressed against the rip fence. Allow the teeth to cut, and do not force the workpiece through the blade. The blade speed should be kept constant.
- Remember to use the push stick (15) when close to the blade.

- After completing the cut, switch the machine off, allow the blade to stop and remove the workpiece.

WARNING:
- Never push or hold the "free" or cut-off-side of the workpiece.
- Do not cut excessively small workpieces.
- Always use a push stick when ripping small workpieces.

Bevel cuts
- Set the required bevel angle.
- Proceed as for ripping.

Cross-cutting (fig. J)
- Remove the rip fence and install the mitre fence in the desired slot.
- Lock the mitre fence at 0°.
- Set the bevel angle to 0°.
- Adjust the saw blade height.
- Hold the workpiece flat on the table and against the fence. Keep the workpiece away from the blade.
- Keep both hands away from the path of the saw blade.
- Switch the machine on and allow the saw blade to reach full speed.
- Hold the workpiece tightly against the fence and slowly move the workpiece together with the fence assembly until the workpiece comes underneath the upper blade guard. Allow the teeth to cut, and do not force the workpiece through the saw blade. The saw blade speed should be kept constant.
- After completing the cut, switch the machine off, allow the saw blade to stop and remove the workpiece.

Bevel cross-cutting
- Set the required bevel angle.
- Proceed as for cross-cutting.

Mitre cuts
- Set the mitre fence to the required angle.
- Proceed as for cross-cutting.

Compound mitre

This cut is a combination of a mitre and a bevel cut.
- Set the bevel to the angle required and proceed as for a cross-cut mitre.

Support for long pieces
- Always support long pieces.
- Support long workpieces using any convenient means such as saw-horses or similar devices to keep the ends from dropping.

Dust extraction (fig. A2)

The machine is provided with a dust exhaust port at the rear of the machine (16) suitable for use with dust extraction equipment featuring 57/65 mm nozzles. Supplied with the machine is a reducer port for use of dust extraction nozzles of 34-40 mm diameter.
- During all operations, connect a dust extraction device designed in accordance with the relevant regulations regarding dust emission.
- Ensure that the dust extraction hose in use is suitable for the application and material being cut.
- Be aware that man-made materials such as chipboard or MDF produce more dust particles during cutting than natural timber.

Optional accessories

WARNING: Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT, recommended accessories should be used with this product.

SAW BLADES: ALWAYS USE 250 mm noise reduced saw blades 30 mm arbour holes. Blade speed rating must be al least 4000 RPM. Never use a smaller diameter blade. It will not be guarded properly.

BLADE DESCRIPTIONS		
APPLICATION	**DIAMETER**	**TEETH**
Construction Saw Blades *(fast rip)*		
General Purpose	250 mm	24
Fine Crosscuts	250 mm	40
Woodworking Saw Blades *(provide smooth, clean cuts)*		
Fine crosscuts	250 mm	60

Replace top guard (part no.: 247678-02) when worn.
Consult your dealer for further information on the appropriate accessories.

Transporting (fig. A1)
- Tidy the mains cable
- Always carry the machine at the hand indentations (3).

WARNING: Always transport the machine with the upper blade guard fitted.

Maintenance

Your DEWALT machine has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Rail lock adjustment (fig. A2 & K)

The rail lock tension has been factory-set. If you need to re-adjust, proceed as follows:
- Turn the saw on its side.
- Lock the lock lever (13).
- Locate the hex rod (44) on the underside of the machine (fig. K).
- Loosen the jam nut (45). Tighten the hex rod until the spring on the locking system is compressed creating the desired tension on the rail lock lever. Retighten the jam nut against the hex rod.

Lubrication

The motor and bearings require no additional lubrication. If raising and lowering the blade becomes difficult, clean and grease the height adjustment screws:
- Turn the saw on its side.
- Clean and grease the height adjustment threads. Use general purpose grease.

Cleaning

WARNING: To reduce the risk of serious personal injury, turn unit off and disconnect machine from power source before cleaning. An accidental start-up can cause injury.

Before use, carefully inspect upper and lower guard as well as the dust extraction tube to determine that it will operate properly. Ensure that chips, dust or workpiece particles cannot lead to blockage of one of the functions.

In case workpiece fragments are jammed between saw blade and guards, disconnect the machine from the power supply and follow the instructions given in section ***Mounting the saw blade***. Remove the jammed parts and reassemble the saw blade.

Keep the ventilation slots clear and regularly clean the housing with a soft cloth.

Regularly clean the dust collection system (fig. L):

- Turn the saw on its side.
- Remove the screws (46) (fig. L).
- Remove all dust and resecure the access door (47) using the screws (fig. L).

Protecting the environment

Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your DEWALT product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.

Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

DEWALT provides a facility for the collection and recycling of DEWALT products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local DEWALT office at the address indicated in this manual. Alternatively, a list of authorised DEWALT repair agents and full details of our after-sales service and contacts are available on the Internet at: **www.2helpU.com**

GUARANTEE

DEWALT is confident of the quality of its products and offers an outstanding guarantee for professional users of the product. This guarantee statement is in addition to and in no way prejudices your contractual rights as a professional user or your statutory rights as a private non-professional user. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

• 30 DAY NO RISK SATISFACTION GUARANTEE •

If you are not completely satisfied with the performance of your DEWALT tool, simply return it within 30 days, complete with all original components, as purchased, to the point of purchase, for a full refund or exchange. The product must have been subject to fair wear and tear and proof of purchase must be produced.

• ONE YEAR FREE SERVICE CONTRACT •

If you need maintenance or service for your DEWALT tool, in the 12 months following purchase, you are entitled to one service free of charge. It will be undertaken free of charge at an authorised DEWALT repair agent. Proof of purchase must be produced. Includes labour. Excludes accessories and spare parts unless failed under warranty.

• ONE YEAR FULL WARRANTY •

If your DEWALT product becomes defective due to faulty materials or workmanship within 12 months from the date of purchase, DEWALT guarantees to replace all defective parts free of charge or – at our discretion – replace the unit free of charge provided that:

- The product has not been misused;
- The product has been subject to fair wear and tear;
- Repairs have not been attempted by unauthorised persons;
- Proof of purchase is produced;
- The product is returned complete with all original components.

If you wish to make a claim, contact your seller or check the location of your nearest authorised DEWALT repair agent in the DEWALT catalogue or contact your DEWALT office at the address indicated in this manual. A list of authorised DEWALT repair agents and full details of our after-sales service is available on the Internet at: **www.2helpU.com**.